

# Atlantic Richfield Company

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Project Manager, Mining

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November 25, 2016

Lynda Deschambault  
Remedial Project Manager, Superfund Division  
U.S. Environmental Protection Agency, Region 9  
75 Hawthorne Street, 10<sup>th</sup> Floor (SFD 7-1)  
San Francisco, California 94105

**Subject: October 2016 Report of Cultural Resource Monitoring for Expanded Area of Potential Effects**  
Leviathan Mine Site  
Alpine County, California

Dear Ms. Deschambault:

This letter summarizes the cultural resource monitoring activities conducted by Atlantic Richfield Company in October 2016 within the expanded Area of Potential Effects (APE) for the Leviathan Mine Site in Alpine County, California. Cultural resource monitoring associated with 2016 Remedial Investigation / Feasibility Study (RI/FS) ground disturbing field activities within the expanded APE is being performed in accordance with the Section 106 protocols (protocols) presented in the U.S. Environmental Protection Agency's (U.S. EPA) letter dated April 19, 2016. The protocols state that U.S. EPA "shall provide a monthly letter summary report to the consulting parties." In addition, "the monthly report will be provided to the parties within 30 days after the end of the reporting month, and will include a letter summarizing the month's activities and cultural resources found, and the actions taken to avoid any such resources." We understand that U.S. EPA will use the information provided in this letter to prepare the monthly letter summary report to the consulting parties.

The RI/FS is being conducted in accordance with the requirements of the Statement of Work attached to the *Administrative Order for Remedial Investigation and Feasibility Study, Comprehensive Environmental Response, Compensation, and Liability Act Docket No. 2008-18* issued by the U.S. EPA on June 23, 2008.

From October 1 through October 30, 2016, Amec Foster Wheeler's archaeologists conducted ground-clearance surveys with a Washoe Tribal Monitor for the following RI/FS ground disturbing activities that were conducted within the expanded APE:

- ☐ Reference samples for suspected ore pile #2 were collected in the vicinity of Leviathan Mine Road near the California-Nevada border. One cultural resource site was observed during this task.

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- ☐ Mine waste reference soil sampling was continued in October in the on-property area of the site. One cultural resource site was observed during this task.

The sampling activities summarized above were conducted at the locations shown on Figure 1A-1C (attached).

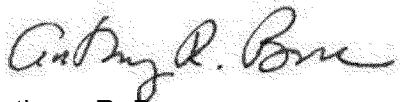
From October 1 through October 30, 2016, documentation was performed for three sites in the expanded APE:

- ☐ JDH\_1610 in the on property area, which was observed during mine waste reference soil sampling in September;
- ☐ JDH\_1611 in the East Fork Carson River (EFCR) upstream area, which was observed during fluvial deposits sampling in September; and
- ☐ JDH\_1612 in the EFCR upstream area, which was observed during fluvial deposits sampling in September.

The site records (on the appropriate SHPO-compliant forms) for the sites summarized above and the outstanding records for sites documented in September will be submitted with the November monthly report or with the 2016 annual report depending on when they are completed.

If you have any questions or comments, please feel free to contact me at (714) 228-6770 or [anthony.brown@bp.com](mailto:anthony.brown@bp.com).

Sincerely,



Anthony R. Brown  
Project Manager, Mining

Attachment(s):  
Figure 1A-1C – October 2016 Sampling Locations

cc: Josh Wirtschafter – U.S. EPA Region 9 – via electronic copy  
Lily Tavassoli – U.S. EPA Region 9 – via electronic copy  
Greg Reller – Burleson Consulting, Inc. – via electronic copy  
Nathan Block, Esq., BP – via electronic copy  
Adam Cohen, Esq., Davis Graham & Stubbs, LLP – via electronic copy  
Brian Johnson, Atlantic Richfield Company – via electronic copy  
Marc R. Lombardi – Amec Foster Wheeler  
Jason B. Cooper - Amec Foster Wheeler

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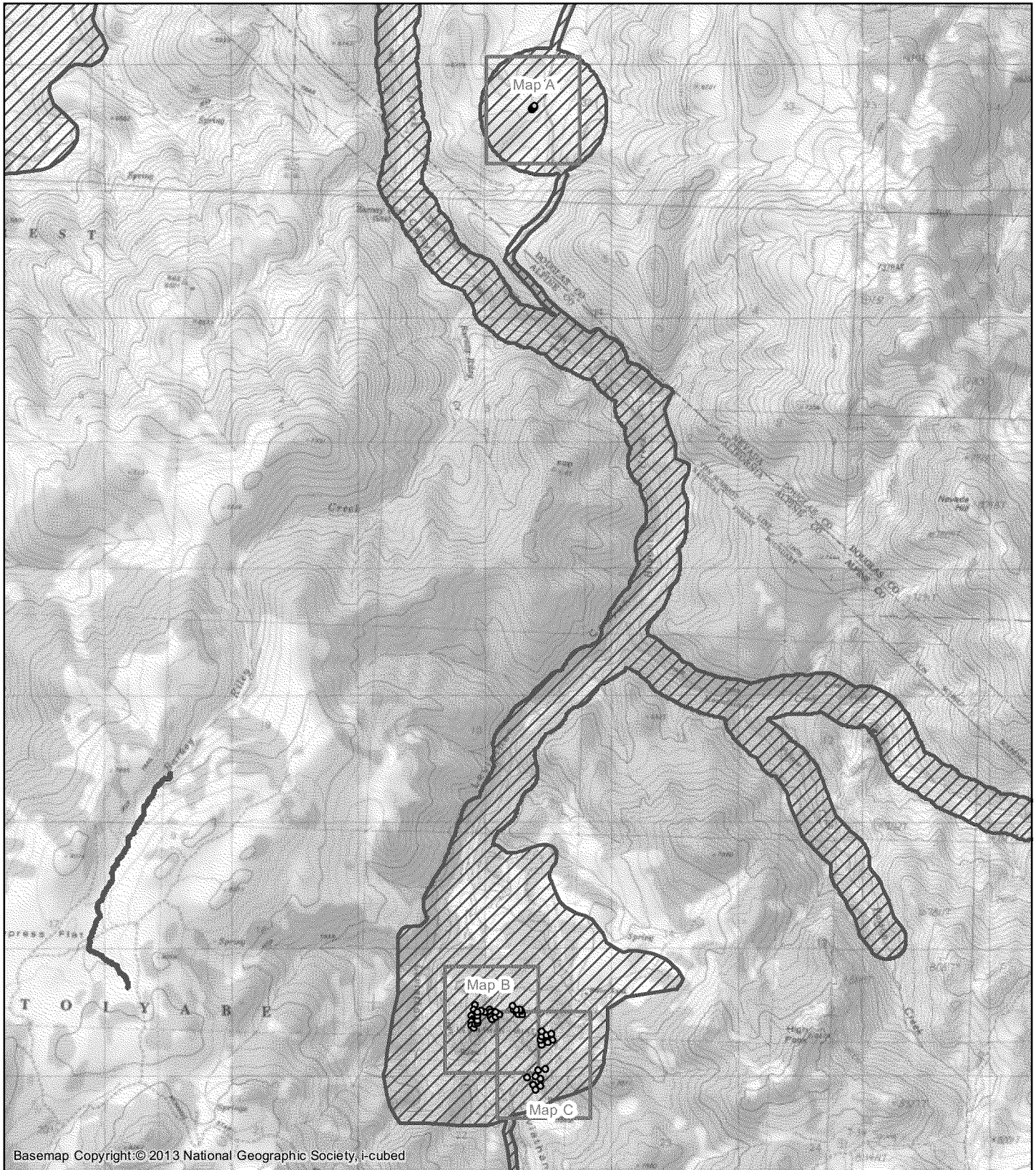
A BP affiliated company



(265,130 4,295,665)

Coord inates for Map Corners

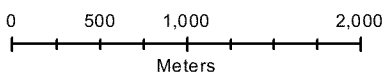
(273,253 4,295,665)



(265,130 4,286,440)

UTM Zone 11N NAD83

(273,253 4,286,440)



N  
1:43,424

#### Project Data

- Sampling Location
- Map Extent
- ▨ Updated APE

Amec Foster Wheeler Project # 0013091132

Figure Date: November 22, 2016

Map By: TAM

Approved By: JDH

**Figure 1**  
**October 2016 Sampling Locations**  
**Map Key**



(268,938 4,295,246)

Coordinates for Map Corners

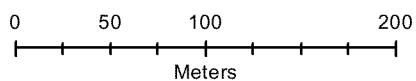
(269,682 4,295,246)



(268,938 4,294,401)

UTM Zone 11N NAD83

(269,682 4,294,401)



N  
1:3,970

#### Project Data

- Sampling Location
- Updated APE

Amec Foster Wheeler Project # 0013091132

Figure Date: November 22, 2016

Map By: TAM

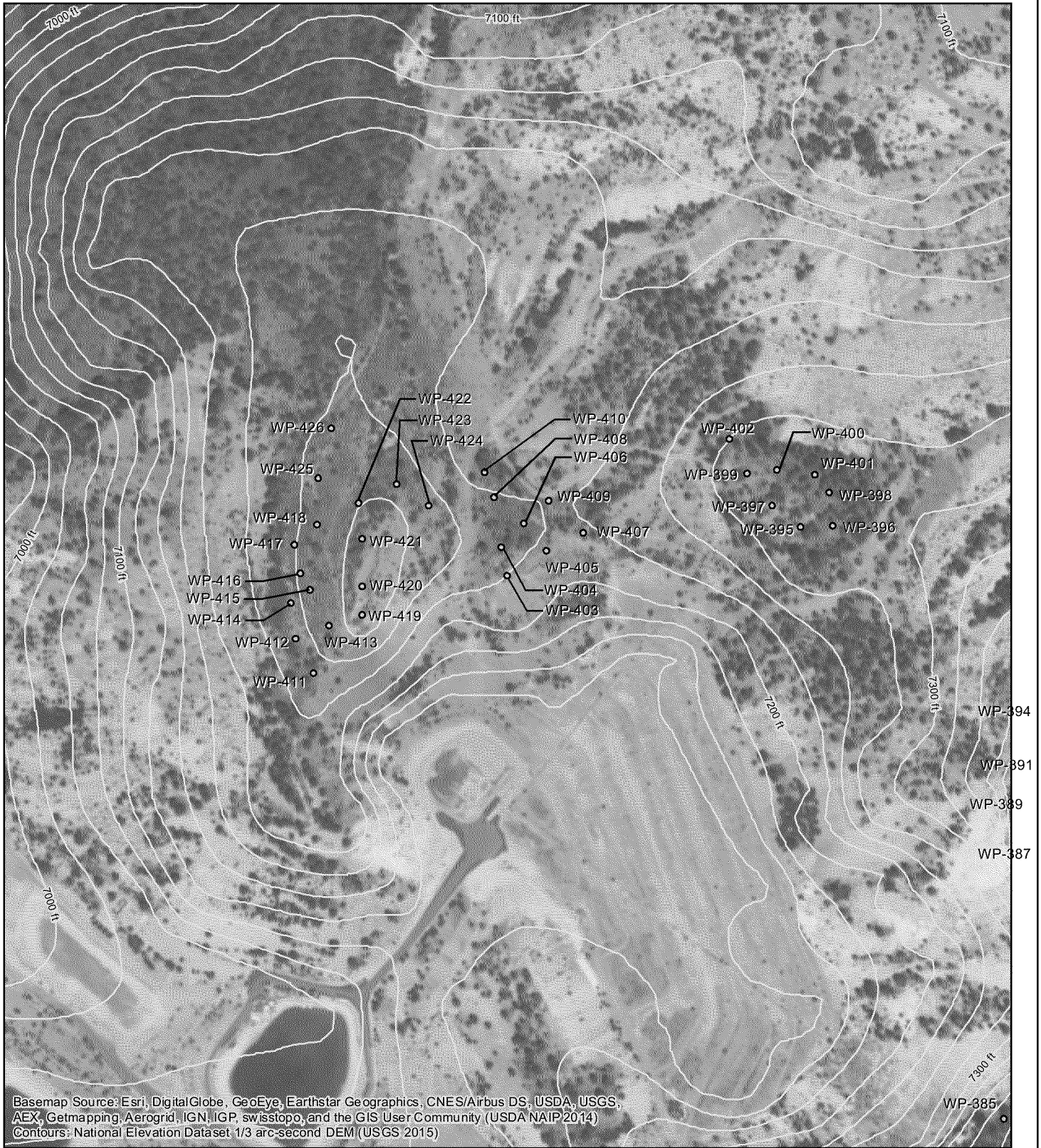
Approved By: JDH

**Figure 1A**  
**October 2016 Sampling Locations**

(268,615 4,288,062)

Coordinates for Map Corners

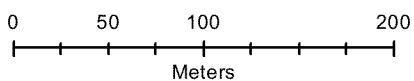
(269,358 4,288,062)



(268,615 4,287,218)

UTM Zone 11N NAD83

(269,358 4,287,218)



N  
1:3,970

#### Project Data

- Sampling Location
- Updated APE

Amec Foster Wheeler Project # 0013091132

Figure Date: November 22, 2016

Map By: TAM

Approved By: JDH

**Figure 1B**  
**October 2016 Sampling Locations**



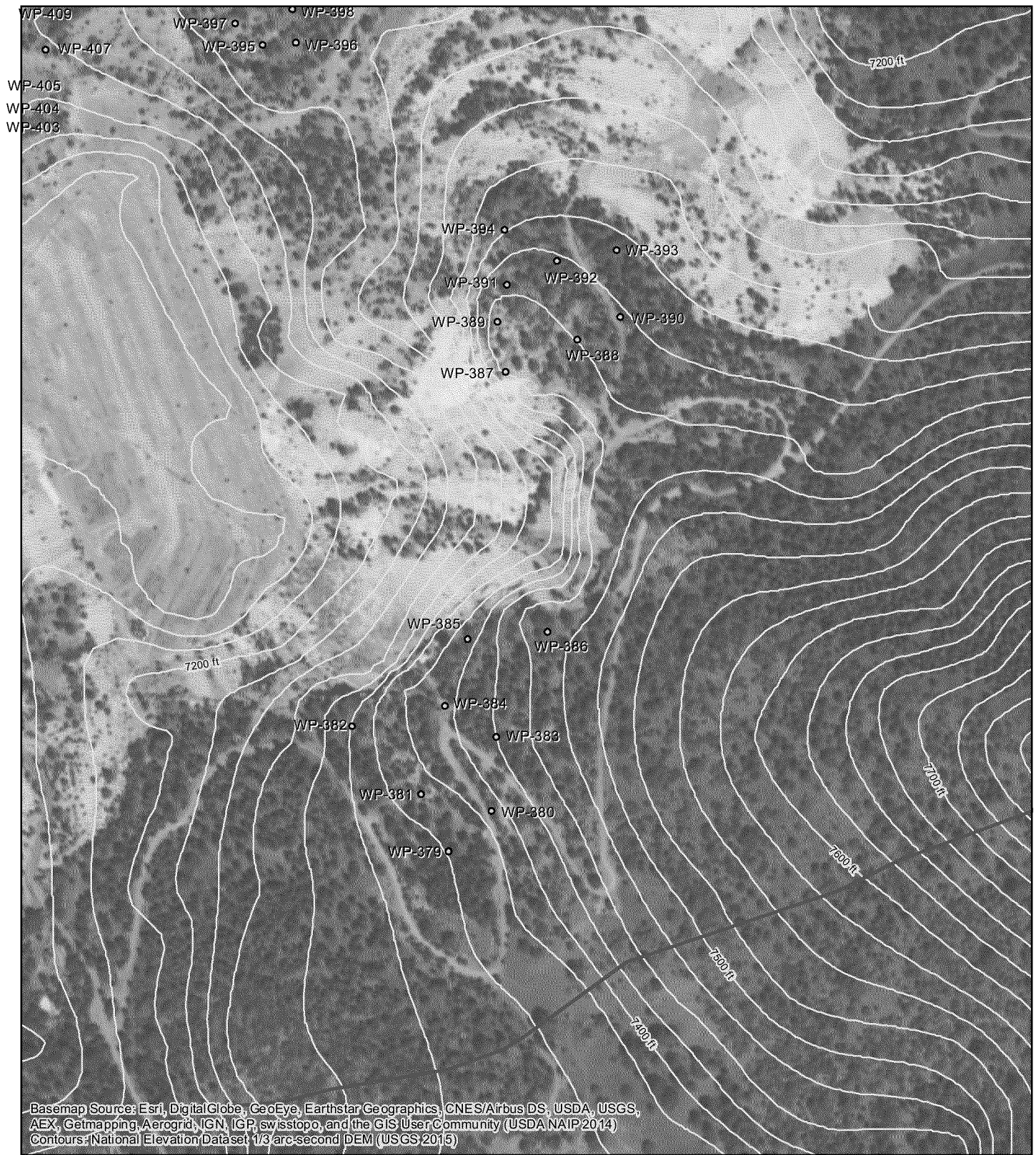
WP-408

WP-406

(269,024 4,287,704)

Coordinates for Map Corners

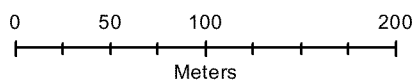
(269,768 4,287,704)



(269,024 4,286,860)

UTM Zone 11N NAD83

(269,768 4,286,860)



N  
1:3,970

### Project Data

- Sampling Location
- Updated APE

Amec Foster Wheeler Project # 0013091132

Figure Date: November 22, 2016

Map By: TAM

Approved By: JDH

**Figure 1C**  
**October 2016 Sampling Locations**